

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006756.D
 Acq On : 22 Dec 2018 06:39
 Operator : JC/MD
 Sample : J6503-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-GROUNDWATER-1-1

Quant Time: Dec 22 09:44:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

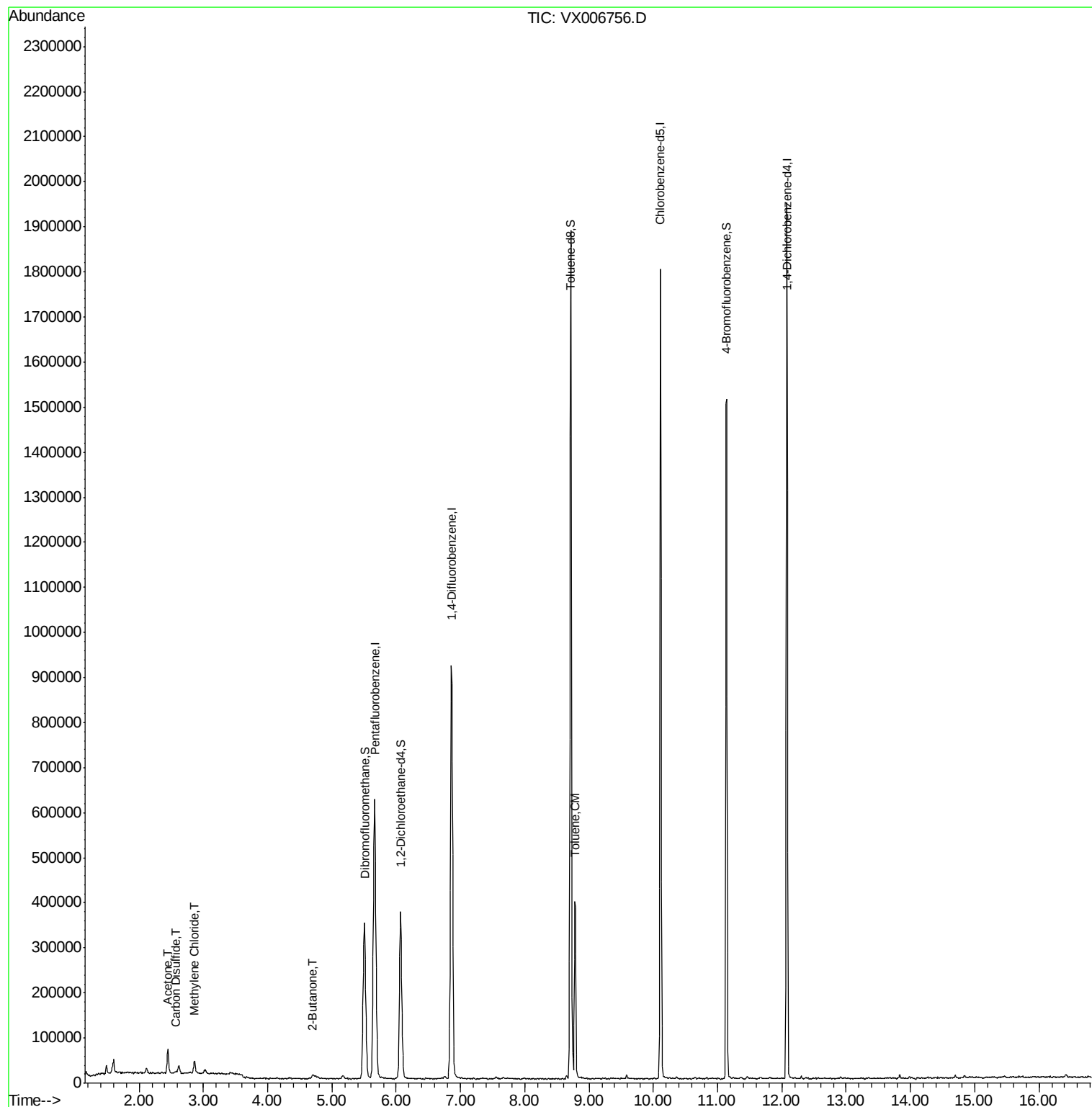
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	635554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	995954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	888640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	409195	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	347674	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
35) Dibromofluoromethane	5.51	113	300117	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
50) Toluene-d8	8.71	98	1159427	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	11.13	95	406546	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
Target Compounds						
16) Acetone	2.45	43	55708	17.702	ug/l	95
17) Carbon Disulfide	2.57	76	5317	0.354	ug/l	97
20) Methylene Chloride	2.86	84	13931	2.141	ug/l	97
25) 2-Butanone	4.70	43	16212	3.662	ug/l #	87
52) Toluene	8.78	92	151642	9.361	ug/l	98

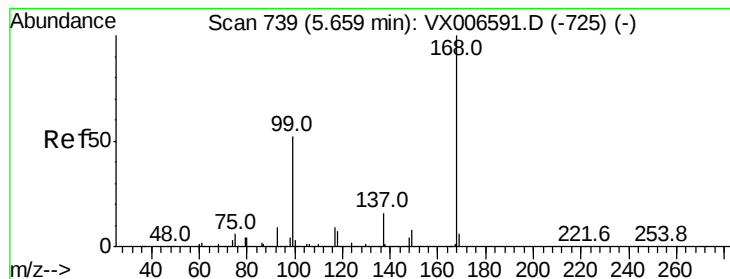
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006756.D

Acq: 22 Dec 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

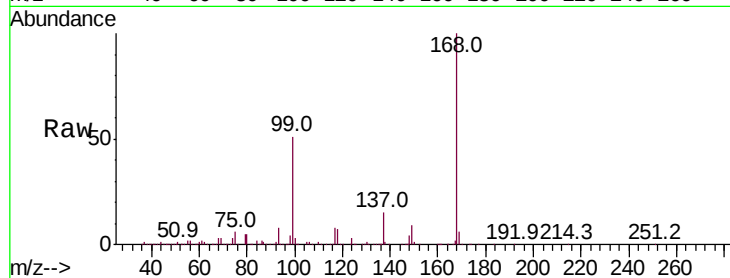
TP-GROUNDWATER-1-1

Tot Ion:168 Resp: 635554

Ion Ratio Lower Upper

168 100

99 50.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

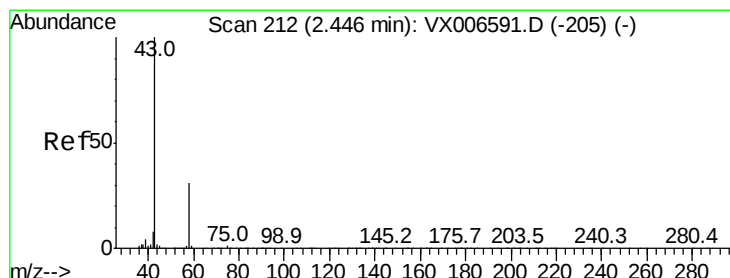
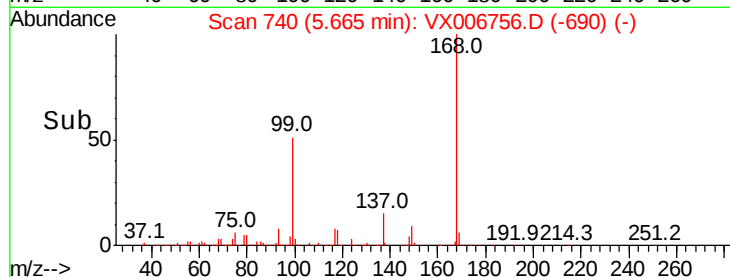
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 17.702 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006756.D

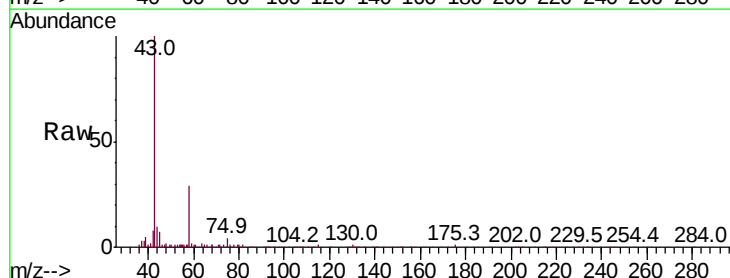
Acq: 22 Dec 2018 06:39

Tgt Ion: 43 Resp: 55708

Ion Ratio Lower Upper

43 100

58 28.8 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

30000

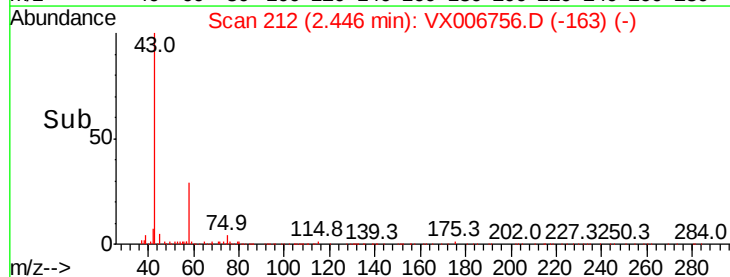
20000

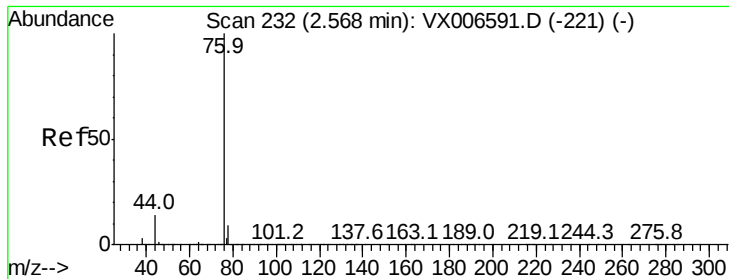
10000

0

2.40 2.45 2.50 2.55

Time-->

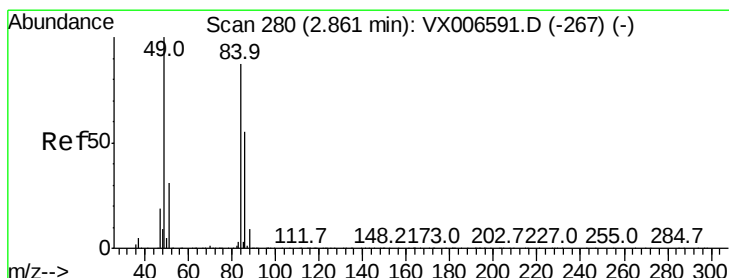
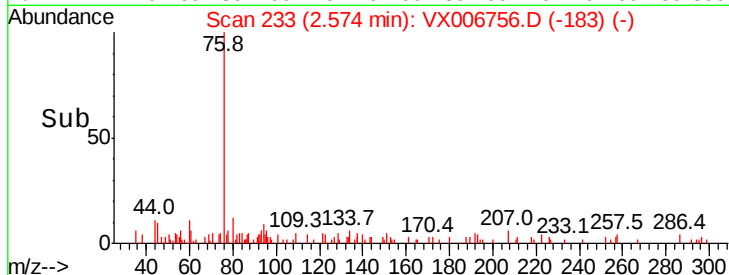
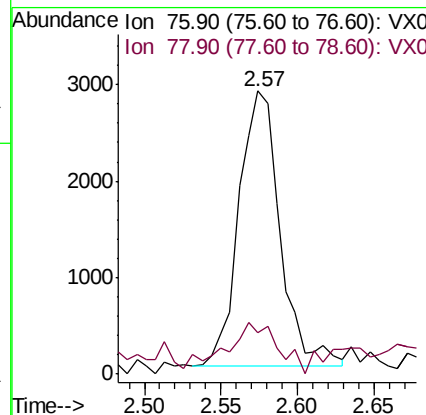
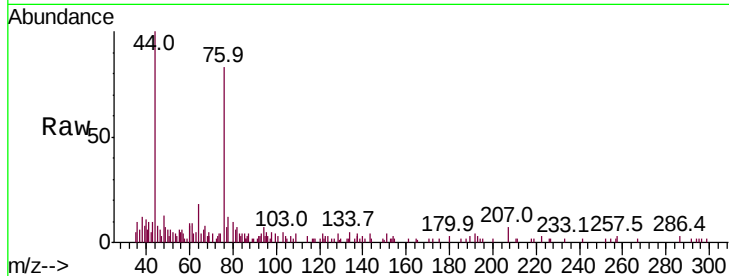




#17
Carbon Disulfide
Concen: 0.354 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006756.D
Acq: 22 Dec 2018 06:39

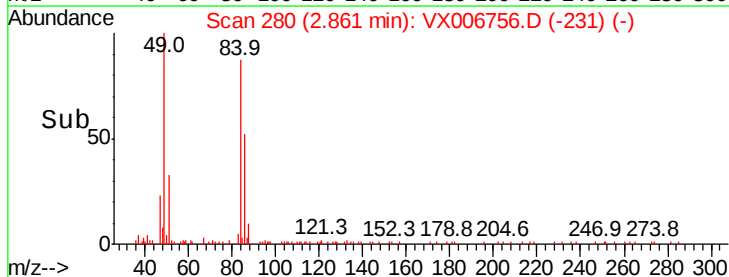
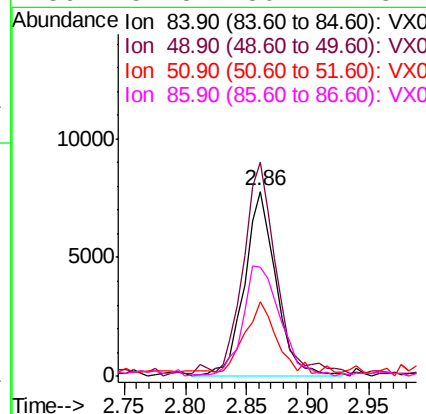
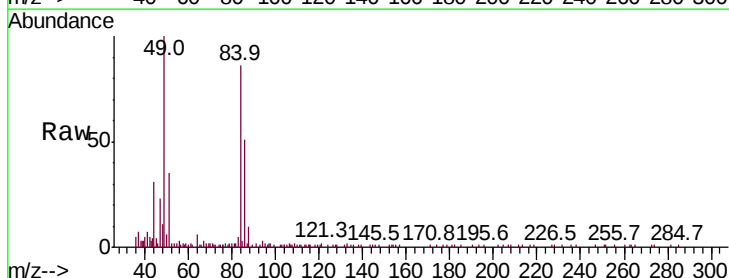
Instrument :
MSVOA_X
ClientSampleId :
TP-GROUNDWATER-1-1

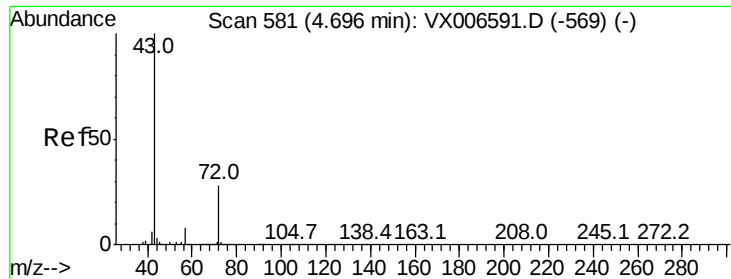
Tot Ion: 76 Resp: 5317
Ion Ratio Lower Upper
76 100
78 7.7 7.0 10.6



#20
Methylene Chloride
Concen: 2.141 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006756.D
Acq: 22 Dec 2018 06:39

Tgt Ion: 84 Resp: 13931
Ion Ratio Lower Upper
84 100
49 114.1 91.8 137.6
51 37.6 28.5 42.7
86 57.8 50.2 75.2

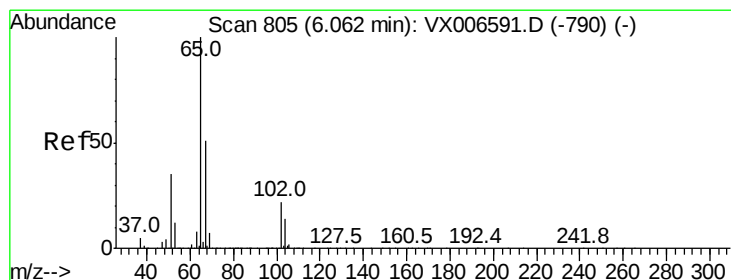
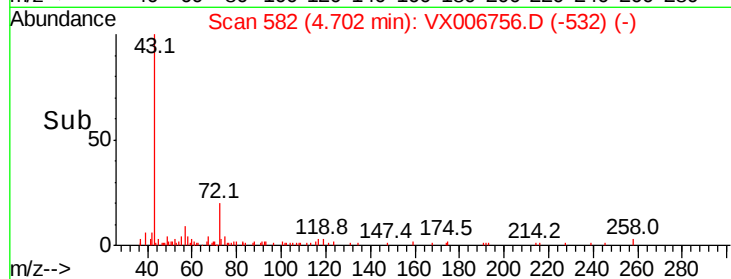
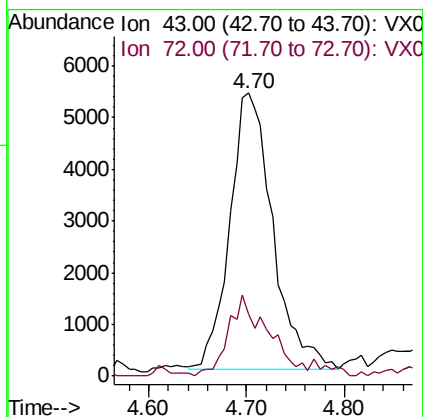
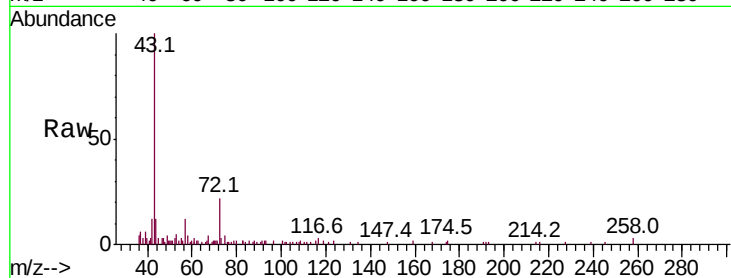




#25
2-Butanone
Concen: 3.662 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX006756.D
Acq: 22 Dec 2018 06:39

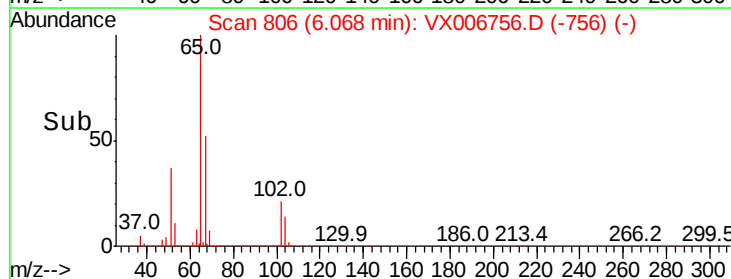
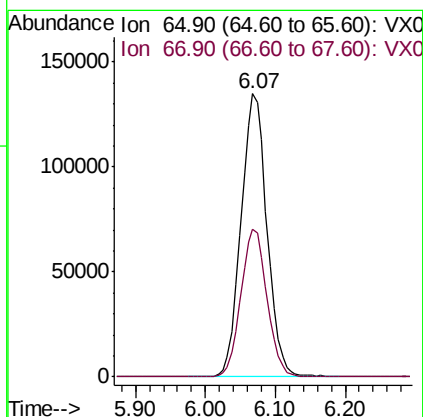
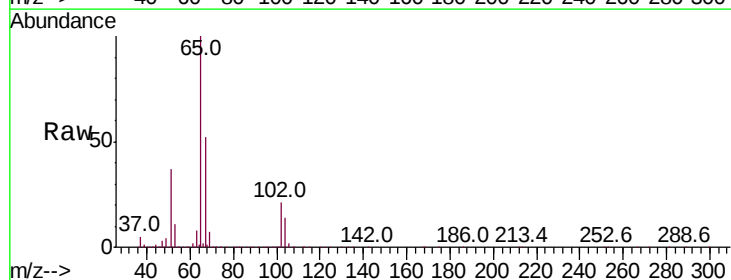
Instrument :
MSVOA_X
ClientSampleId :
TP-GROUNDWATER-1-1

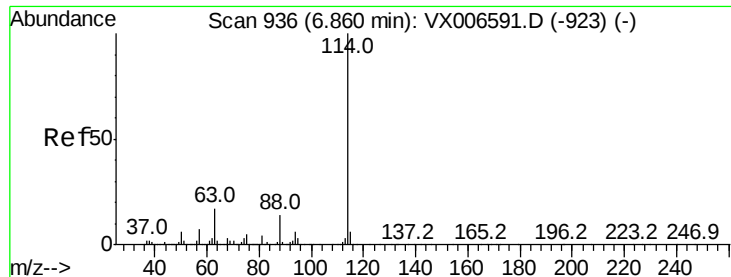
Tot Ion: 43 Resp: 16212
Ion Ratio Lower Upper
43 100
72 21.1 22.4 33.6#



#33
1,2-Dichloroethane-d4
Concen: 50.757 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006756.D
Acq: 22 Dec 2018 06:39

Tgt Ion: 65 Resp: 347674
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006756.D

Acq: 22 Dec 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

TP-GROUNDWATER-1-1

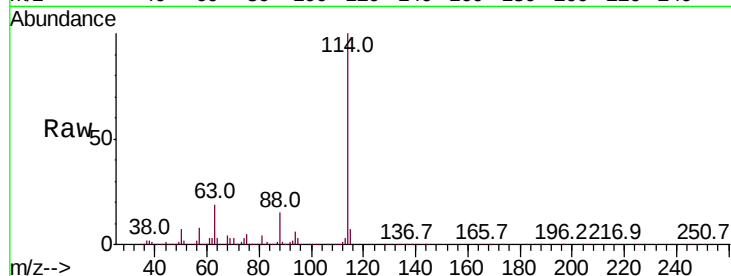
Tot Ion:114 Resp: 995954

Ion Ratio Lower Upper

114 100

63 19.1 0.0 34.8

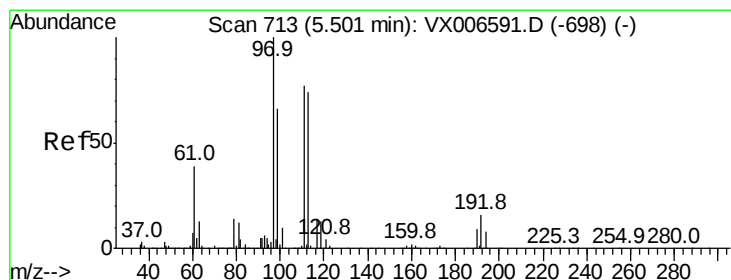
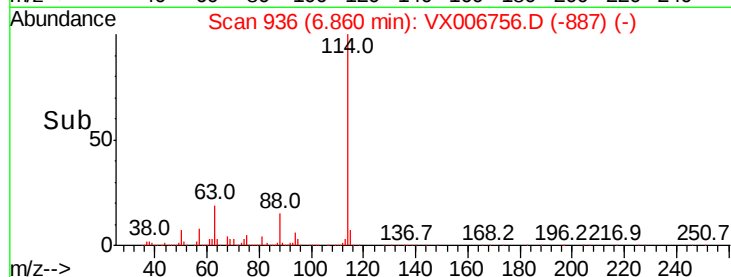
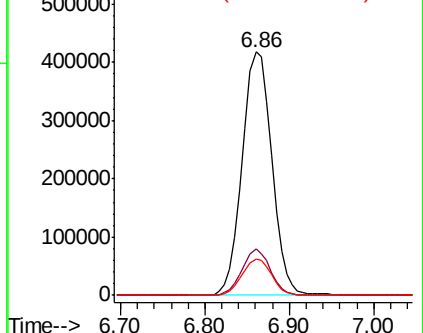
88 14.6 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.651 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006756.D

Acq: 22 Dec 2018 06:39

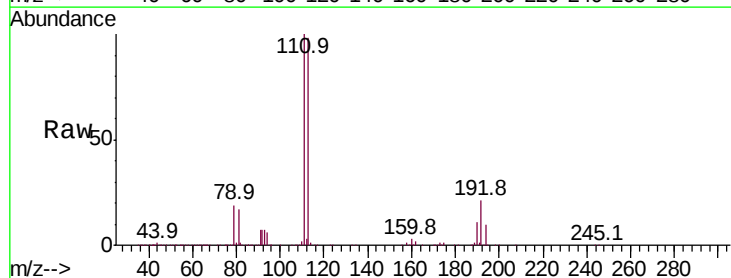
Tgt Ion:113 Resp: 300117

Ion Ratio Lower Upper

113 100

111 101.1 81.6 122.4

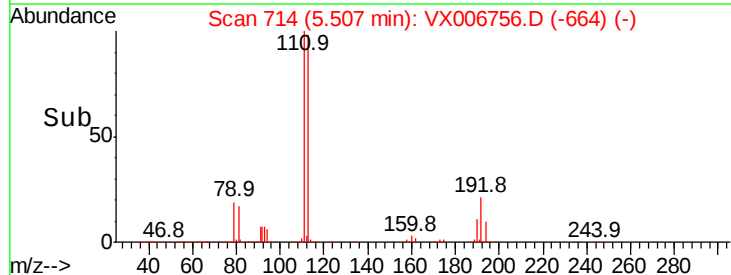
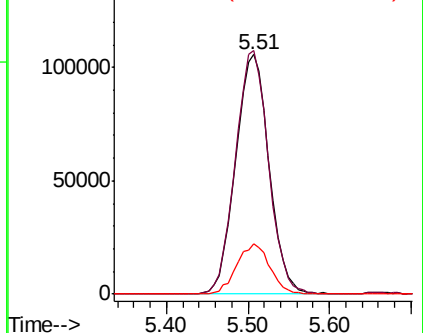
192 20.9 16.7 25.1

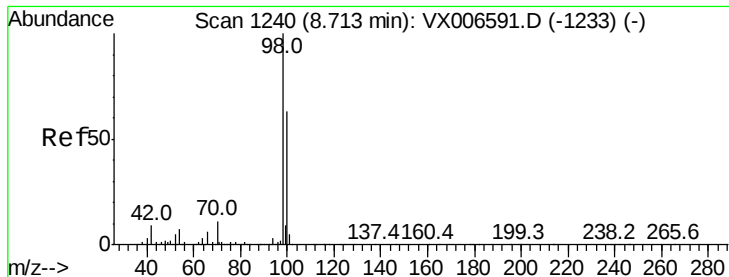


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.829 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006756.D

Acq: 22 Dec 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

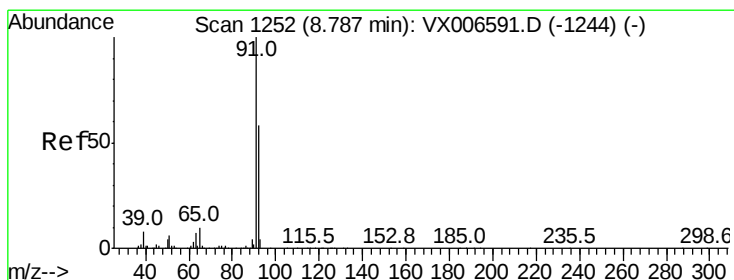
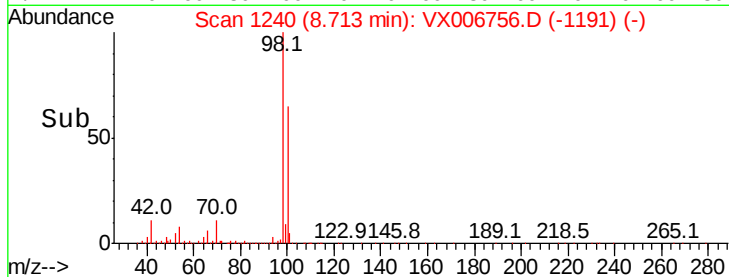
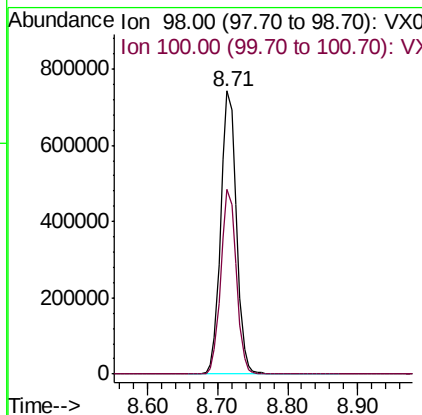
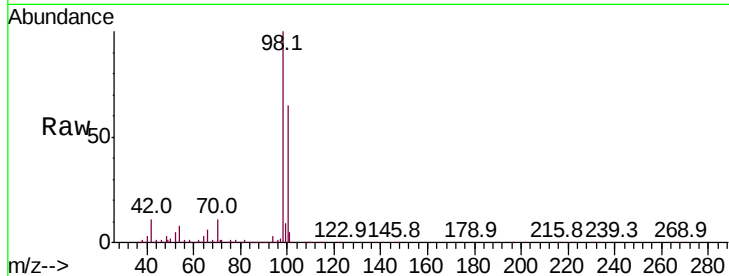
TP-GROUNDWATER-1-1

Tot Ion: 98 Resp: 1159427

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#52

Toluene

Concen: 9.361 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006756.D

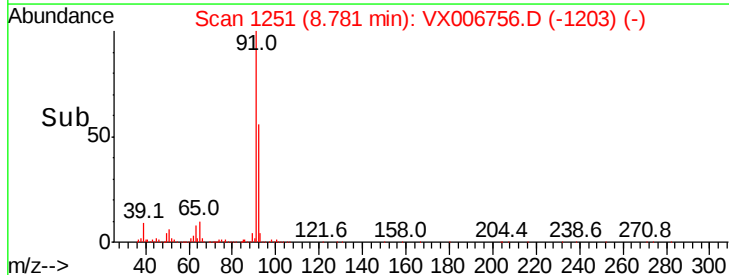
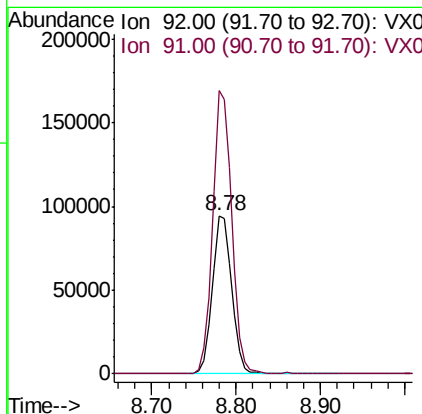
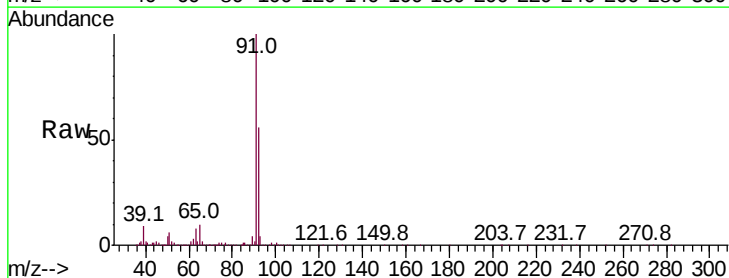
Acq: 22 Dec 2018 06:39

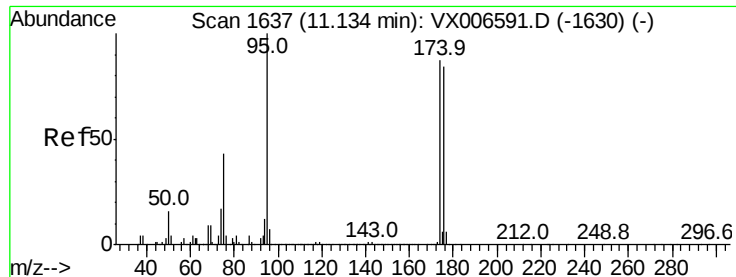
Tgt Ion: 92 Resp: 151642

Ion Ratio Lower Upper

92 100

91 175.0 137.6 206.4





#62

4-Bromofluorobenzene

Concen: 46.750 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006756.D

Acq: 22 Dec 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

TP-GROUNDWATER-1-1

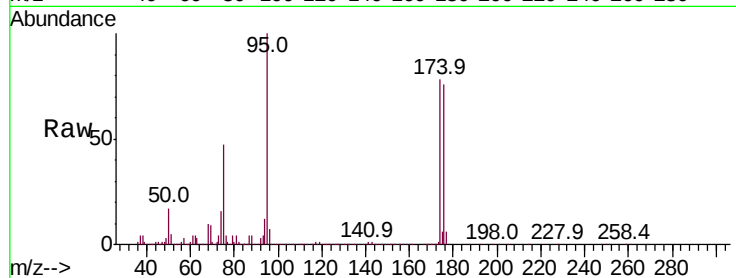
Tot Ion: 95 Resp: 406546

Ion Ratio Lower Upper

95 100

174 87.0 0.0 182.2

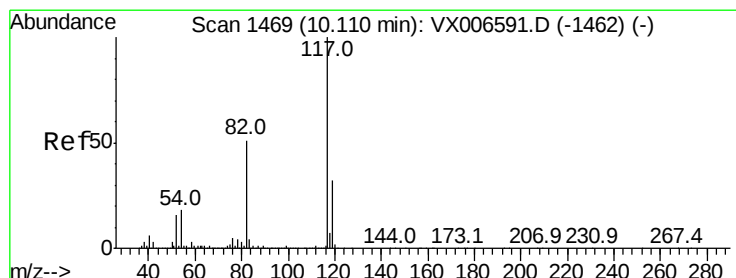
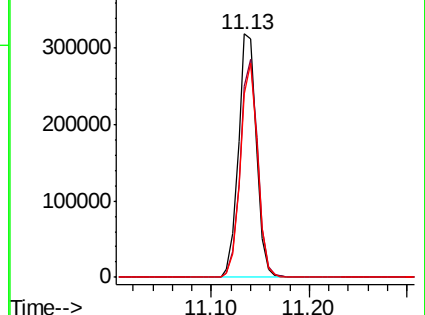
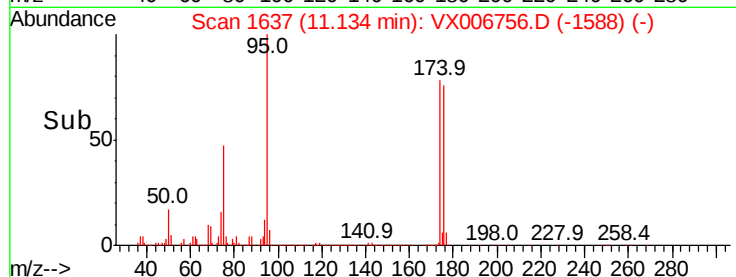
176 84.4 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006756.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX006756.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX006756.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006756.D

Acq: 22 Dec 2018 06:39

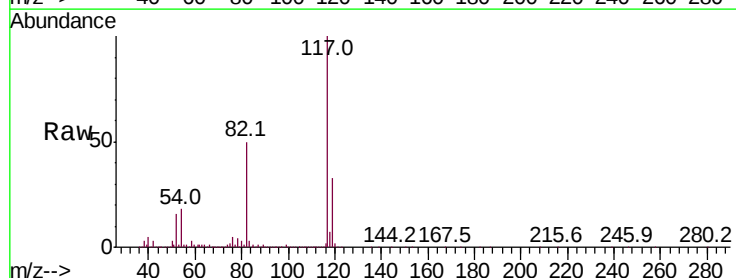
Tgt Ion: 117 Resp: 888640

Ion Ratio Lower Upper

117 100

82 50.2 41.0 61.6

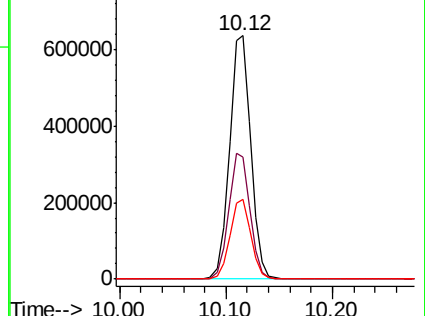
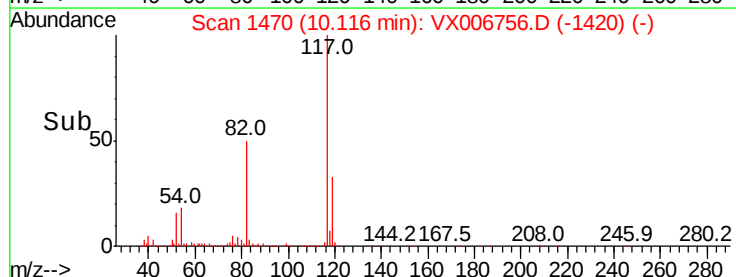
119 32.8 25.4 38.0

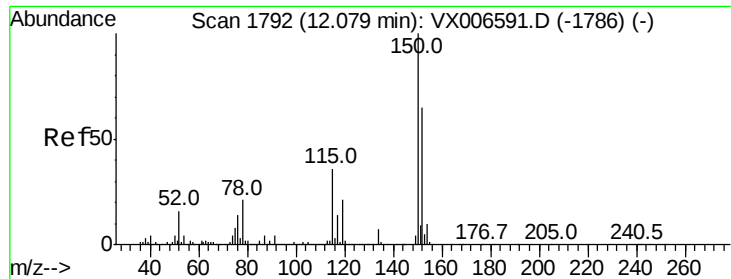


Abundance Ion 116.90 (116.60 to 117.60): VX006756.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX006756.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX006756.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006756.D

Acq: 22 Dec 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

TP-GROUNDWATER-1-1

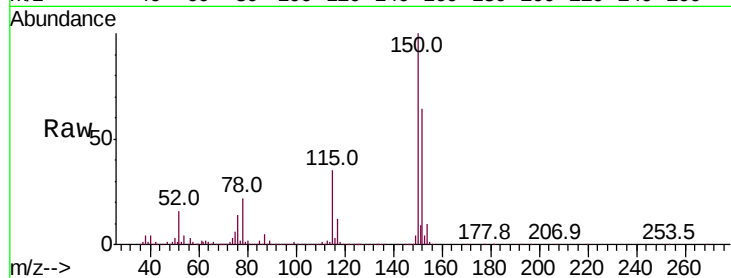
Tot Ion:152 Resp: 409195

Ion Ratio Lower Upper

152 100

115 56.5 39.1 117.2

150 159.2 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

